



## MONAD UNIVERSITY, HAPUR (UP)

**Programme:** BCA

**Semester:** IV

**Course:** BCA-221-Computer Architecture

Assignment No: 2

Due date of submission: 22.04.2019

### **Instructions:**

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1 (a) What is register? Explain type of registers.

(b) Explain the "Instruction cycle" in detail.

Q.2 (a) What is assembly language? Write all the rules of assembly language.

(b) Explain the following: (i) Direct memory Address (DMA) functional diagram (ii) Microprocessor 8085 pin diagram



## MONAD UNIVERSITY, HAPUR (UP)

**Programme:** BCA

**Semester:** IV

**Course:** BCA-222 Computer Graphics

Assignment No: 2

Due date of submission: 22.04.2019

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1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q1: (a) What are Transformation and explain type of transformation?

(b) What is CRT Display? Explain in brief.

Q2: (a) Define Projection? And explain type of projection.

(b) What is Multimedia? Explain in detail.



## MONAD UNIVERSITY, HAPUR (UP)

**Programme:** BCA

**Semester:** IV

**Course:** BCA-223 JAVA

Assignment No: 2

Due date of submission: 22.04.2019

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Q 1 (a): Explain applet with life cycle of applet.

(b): What is exception with example?

Q2 (a): Write a program for addition of two numbers in java.

(b): Write a program to print a table of any number in java.

(c): What is inheritance and define its types in java with diagram.



## MONAD UNIVERSITY, HAPUR (UP)

**Programme:** BCA

**Semester:** IV

**Course:** BCA-224 Advance Computer Network

Assignment No: 2

Due date of submission: 22.04.2019

**Instructions:**

1. Write the responses to the assignment in your own handwriting.
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Q1 (a): Define piggybacking?

(b): What is data link layer? And explain function of layer .

Q2 (a): Describe Transmission Mode? and explain any one example in detail.

(b): What do you understand by TCP/IP Model.



## MONAD UNIVERSITY, HAPUR (UP)

**Programme:** BCA

**Semester:** IV

**Course:** BCA-225 CNS

Assignment No: 2

Due date of submission: 22.04.2019

### **Instructions:**

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

Q.1 (a): As you know, in classical cryptography, the various parameters used by a decryption algorithm are derived from the same secret key that was used in the encryption algorithm. Explain the concept of classical encryption techniques?

(b) Differentiate between active attacks and passive attacks in brief.

Q.2 (a): As we know that there are three layers of OSI network security. So can you explain the security mechanism in detail?

(b) As we know that security services are the main component to secure our data. So can you explain types of security services it will help you learn more about the topic?



## MONAD UNIVERSITY, HAPUR (UP)

**Programme:** BCA

**Semester:** IV

**Course:** MC-221 Positive psychology

Assignment No: 2

Due date of submission: 22.04.2019

**Instructions:**

1. Write the responses to the assignment in your own handwriting.
2. Submit the responses to your HOD within the due date.
3. Write your Name, Programme, and Enrolment No. clearly at the top of the page.

**Question:-1**

- a). What is the most interesting issue underlying positive psychology?
- b) How should each of "Positive psychology" and "Well-being" be defined, and how are they related?.

**Question:-2** a Name and describe the three elements of the good life.

- b) *What are the characteristics of a positive life, and how can they be measured and taught?*